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# Datasheet OX Power **Grid Energy B-OX-XL**



-  Modulair design
-  Long battery life
-  Plug and play

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MAKE THINGS WORK

	Grid Energy B-OX-XL	
Types	C10	C20
Grid voltage (50Hz)	400 VAC	400 VAC
Nominal capacity	410 - 840 kWh	840 - 2520 kWh
Nominal Inverter Power	100 or 200 kVA / kW	200 - 600 kVA / kW
Nominal output current (AC)	145 - 290 A	290 - 870 A
Current THD	< 3% (at linear load <1.5%)	
Power Factor	-1 to 1, continuously adjustable	
Standby consumption	0,5% (<90W)	
Chemical battery composition	Lithium Ijzer Fosfaat (LiFePO4)	
DC batteryvoltage	683 - 767 VDC	
Depth of Discharge (D.o.D.)	90%	
Protection	Overload, oververheating, over/undervoltage, insulation monitoring, AC and DC residual current fault	
Maintenance charge cycle interval	2 weeks	
Operating temperature	-20°C to 40°C	
Humidity	0 to 95% RH	
Maximum altitude	1000 m	
Cooling	Industrial air conditioning	
External communication	Modbus TCP	
Cycle life (70% of nominal capacity)	≥8000 cycles (0.5C/0.5C@25°C and 90% D.o.D.)	
Dimensions (L x W x H)	2.99 x 2.44 x 2.59 m (10FT double door)	5.99 x 2.44 x 2.89 m (20FT side doors)
Weight	5700 - 9820 kg	12400 kg - 26600 kg
Grid connection	EN 50549-1:2019, G99, VDE-AR-N 4105:2018, VDE-AR-N 4110:2018	
Safety	EN/IEC 61000-6-2, EN/IEC 61000-6-4	
Transport options	Container hijshaken en voorziening voor verplaatsen met heftruck	

## Product features

- Modular and scalable design in both AC power and battery capacity
- Fully integrated, convenient and efficient for transport and installation
- Seamless Transfer Switching (STS) is optional

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